

(i) **Use-Case based testing**

TEST-CASES:

Input Data				Expected Response	
Function	Speed	Lever_Pos	Dial_Pos	Speed	Position
senseLeverUp()	0	OFF	1	6	Lever_Pos = INT
senseDialUp()	6	INT	1	12	Dial_Pos = 2
senseDialUp()	12	INT	2	20	Dial_Pos = 3
senseLeverUp()	20	INT	3	30	Lever_Pos = LOW
senseLeverDown()	30	LOW	3	20	Lever_Pos = INT
senseLeverDown()	20	INT	3	0	Lever_Pos = OFF